The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

11/29/2011

Jaclyn Sexton
Assistant District Attorney, Norfolk County

Dear ADA Sexton,

Enclosed is the information you requested in regards to Commonwealth vs. ██████████
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Kate Corbett.

2. Drug Analysis Laboratory Receipt.

3. Control Cards with analytical results for samples # ███████████████

4. Analysis sheets with custodial chemist's hand notations and test results.

5. GC spectral analytical data for samples # ████████████████

6. GC/Mass Spectral analytical data for samples # ███████████████

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

<div align="center">Curriculum Vitae</div>

Annie Khan (Dookhan)

Education:
University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:
2003 – present
<u>Chemist I, II</u>, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
*Maintenance and repairs of all analytical instruments.
*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
*Oversee the Quality Control/Quality Assurance program for the Drug Lab.
*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.
*Notary Public.
*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003
<u>QC Analyst I, II</u>, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
*Writing, revising and reviewing Standard Operating Procedures (SOPs).
*Trained and supervised new chemists and interns for the department.
*Routine QC testing of products for the FDA.
*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
*Calibration, preventive maintenance, QC and QA of analytical instrumentation.
*Complete testing of chemicals for Vendor Validation Project for the FDA.
*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:
Dept. of Justice – Forensics Professionals. (numerous trainings)
GLP/GMP training with Massachusetts Biologic Laboratory.
QC/QA training according to FDA Codes and Regulations.
GC and GC/MS trainings with Agilent Technologies and Restek.
HPLC and LC/MS/MS trainings with Waters Cooperation.
FTIR training with Spectros.
TOC training with MBL and Sievers.

Association:
American Chemical Society (ACS)
Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003
MERRIMACK COLLEGE
Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative
Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

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Employment

Chemist II State Laboratory Institute (March 2008-Present)
Massachusetts Department of Public Health
Drug Analysis Laboratory
➢ Responsible for the identification of substance and trafficking substances to
   determine violation of the Massachusetts drug laws
➢ Responsible for the identification of pharmaceuticals to determine violation of
   the Massachusetts drug laws
➢ Operate analytical instrumentation, microscopes and balances for forensic
   drug analysis

Chemist I State Laboratory Institute (2005-March 2008)
Massachusetts Department of Public Health
Drug Analysis Laboratory
➢ Responsible for the identification of substance to determine violation of the
   Massachusetts drug laws
➢ Operate analytical instrumentation for the purpose of performing forensic
   drug analysis
➢ Successfully completed an eight week training course in the analysis of drugs
   conducted by senior staff of the Department of Public Health, Drug Analysis
   Laboratory
➢ Appointed an assistant analyst for the Department of Public Health, Drug
   Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)
SENSOR TECHNOLOGIES, INC - Shrewsbury, MA
➢ Prepared chemistries used in making sensor beads
➢ Generated and examined sensors employing fluorescence spectroscopy
➢ Performed protein, dye and sugar assays using UV/VIS spectrophotometry
➢ Carried out titrations on ricin using fluorescence correlation spectroscopy
➢ Statistical analysis of experimental data

Intern (March 2003 – August 2003)
MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA
➢ Assisted in the gathering of case files to fulfill the National Institute of
   Justice's No Suspect Backlog Reduction Grant
➢ Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and
   Bomb/Arson Units

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Boston Hours
8:00 – 11:00
2:00 – 4:00

DRUG RECEIPT

Amherst Hours
9:00 – 12:00
1:00 – 3:00

City or Department: _Quincy_   Police Reference No.: ████████

Name and Rank of Submitting Officer: _Det. W. Ward_

Defendant(s) Name (last, first, initial): ███████████████

To be completed by Submitter **Description of Items Submitted**	To be completed by Lab Personnel **Gross Weight**	**Lab Number**
one plb white powder substance	3.86 gr	
cap w/ white powder substance	9.10 gr	
Bottle Inositol w/ white powder	75.84 gr	
Silver scale w/ residue	131.83 gr	
(PLEASE TEST ALL ITEMS)		

Received by: _[signature]_   Date: _11·12·10_

No.

ε

No.
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def:
Amount:
No. Cont: 1   Cont: pb
Date Rec'd: 11/12/2010
Gross Wt.: 3.86

Date Analyzed: 12/28/10

Subst: SUB

No. Analyzed:
Net Weight: 1.48
Tests: 6 AS
• 2(CHC

Prelim: cocaine

Findings: Cocaine

No.
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def:
Amount:
No. Cont: 1   Cont: cap pb
Date Rec'd: 11/12/2010
Gross Wt.: 9.10

Date Analyzed: 12-23-10

Subst: SUB

No. Analyzed:
Net Weight:
Tests: 6 AS

Prelim:

Findings: negative

No.
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def:
Amount:
No. Cont: 1   Cont: pc
Date Rec'd: 11/12/2010
Gross Wt.: 75.84

Date Analyzed: 12-23-10

Sub
Subst: STEM

No. Analyzed:
Net Weight:
Tests: 6 AS

Prelim:

Findings: Negative

No.
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def:
Amount:
No. Cont: 1   Cont: scale
Date Rec'd: 11/12/2010
Gross Wt.: 131.83

Prelim: Cocaine

Date Analyzed: 12/28/10

Subst: RES

No. Analyzed:
Net Weight:
Tests: 8 AS
•2(CHC

Findings: Cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE # ███████████ AGENCY _Quincy_ ANALYST _DSD_

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION:

White powdered substance in bag

Gross Wt ( ): _1.8820_

Gross Wt ( ): _____

Pkg. Wt: _____

Net Wt: _1.4812_

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate (+) _____

Marquis ___ − ___

Froehde's ___ − ___

Mecke's ___ − ___

Microcrystalline Tests

Gold
Chloride ___ + ___

TLTA (+) _____

OTHER TESTS

_____

_____

_____

_____

PRELIMINARY TEST RESULTS

RESULTS _Cocaine_

DATE _12-21-10_

GC/MS CONFIRMATORY TEST

RESULTS _Cocaine_

MS
OPERATOR _KAC_

DATE _12-28-10_

DRUG POWDER ANALYSIS FORM

SAMPLE # ███████████   AGENCY Quincy   ANALYST ASO

No. of samples tested: _____   Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt (   ): _____

    White powdered substance   Gross Wt (   ): _____

      in pb   Pkg. Wt: _____

    also contained cap   Net Wt: 1.4371

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate (−) ⌒ _____

Marquis ___⁻_____

Froehde's ___⌒_____

Mecke's ___⌐_____

Microcrystalline Tests

Gold
Chloride _____

TLTA (   ) _____

OTHER TESTS

Dille − − _____

GC ≠ ⊖ _____

_____

PRELIMINARY TEST RESULTS

RESULTS Negative

DATE 12-21-10

GC/MS CONFIRMATORY TEST

RESULTS _____

MS
OPERATOR _____

DATE 12-23-10

Revised 7/2005

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY _Quincy_ ANALYST _ASD_

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt ( ): _71-9350_

    white powdered substance Gross Wt ( ): _____

        in 1pc Pkg. Wt: _____

    pc label inositol. Net Wt: _81.8198_

PRELIMINARY TESTS
Spot Tests

Cobalt Thiocyanate (–) ~ _____

Marquis _____ ~

Froehde's _____ ~

Mecke's _____ ~

Microcrystalline Tests

Gold Chloride _____

TLTA ( ) _____

OTHER TESTS

_D116 = –_

_GC ⊖_

PRELIMINARY TEST RESULTS

RESULTS _Negative_

DATE _12-21-10_

GC/MS CONFIRMATORY TEST

RESULTS _____

MS OPERATOR _____

DATE _12-23-10_

DRUG POWDER ANALYSIS FORM

SAMPLE # ███████████   AGENCY _Quincy_   ANALYST _ASD_

No. of samples tested: _____   Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt ( ): _____

Residue in 1scale   Gross Wt ( ): _____

                               Pkg. Wt: _____

                               Net Wt: _____

scraped + rinse

PRELIMINARY TESTS
Spot Tests   ### Microcrystalline Tests

Cobalt   Gold
Thiocyanate (+)   Chloride _+_

Marquis ___−___   TLTA (+) +

Froehde's _____   ### OTHER TESTS

Mecke's _____   _Mu1⊕ Mac4⊕ Dual⊕_

                               GC⊕ weak

PRELIMINARY TEST RESULTS   GC/MS CONFIRMATORY TEST

RESULTS _Cocaine + THC_   RESULTS _Cocaine_

DATE _12-21-10_   MS
                               OPERATOR _ICAC_

                               DATE _12-28-10_

Revised 7/2005

Folk_OIG_PRR_028193

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Operator   :
Instrument : Drug Lab GC#3   Seq. Line :   1
Injection Date : 12/21/2010 10:29:55 AM   Location : Vial 1
                                                    Inj :   1
                                             Inj Volume : 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method   : C:\CHEM32\1\METHODS\SCREEN.M
Last changed   : 8/3/2010 11:51:05 AM

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FID1 A, (SIG1000001.D)

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Area Percent Report

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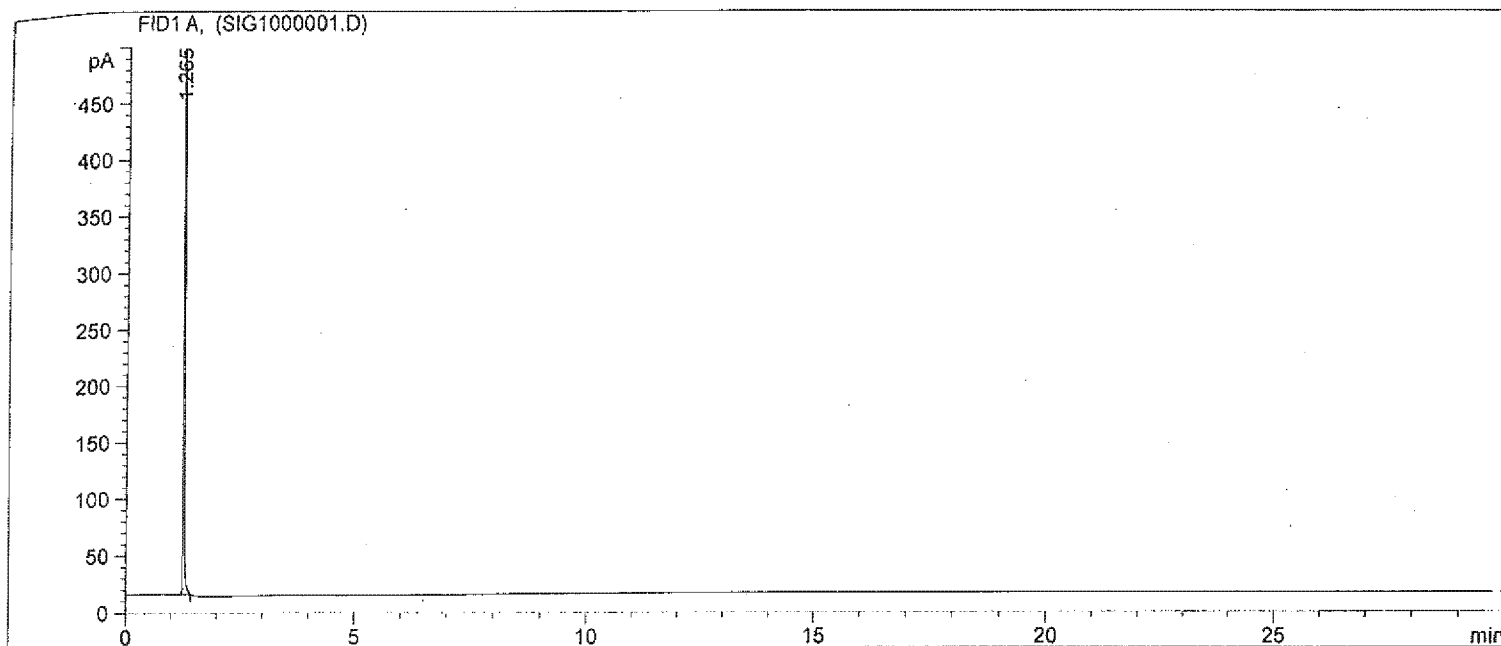
Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.265	1	BB S	7.56951e4	7.62395e4	1.000e2

Totals :   7.56951e4   7.62395e4

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*** End of Report ***

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===================================================================
Operator      :                          Seq. Line :    2
Instrument : Drug Lab GC#3               Location : Vial 2
Injection Date  : 12/21/2010 11:04:11 AM       Inj :    1
                                         Inj Volume : 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method          : C:\CHEM32\1\METHODS\SCREEN.M
Last changed    : 8/3/2010 11:51:05 AM
===================================================================
```
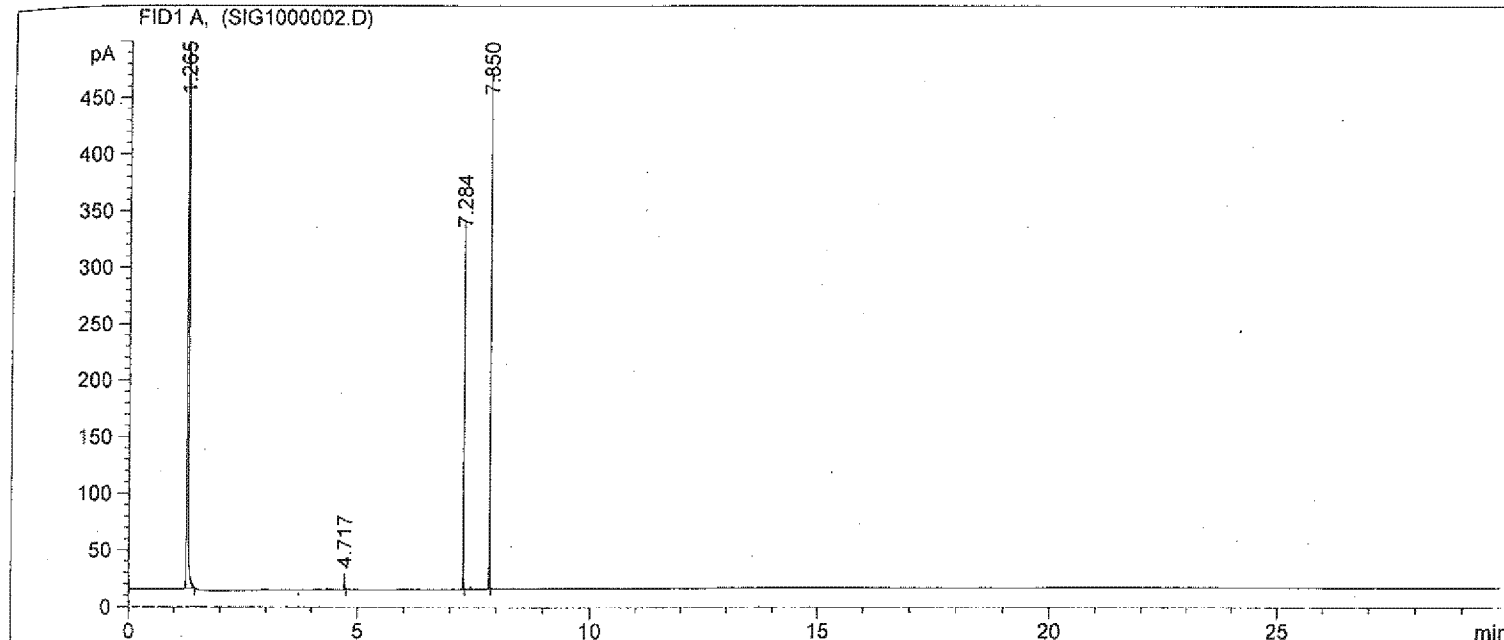


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===================================================================
                  Area Percent Report
===================================================================

Sorted By              :      Retention Time
Multiplier:                   :       1.0000
Dilution:                     :       1.0000
Sample Amount:                :       1.00000  [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type    Area       Height      Area
  #   [min]            [pA*s]       [pA]          %
----|-------|---|----|----------|----------|--------|
   1   1.265   1  BB S 7.81225e4   7.48748e4  99.23159
   2   4.717   1  BB      13.01005    14.00259   0.01653
   3   7.284   1  BB     243.28558   315.11765   0.30902
   4   7.850   1  BB     348.65662   433.11395   0.44287

Totals :             7.87275e4   7.56370e4


===================================================================
                  *** End of Report ***
```
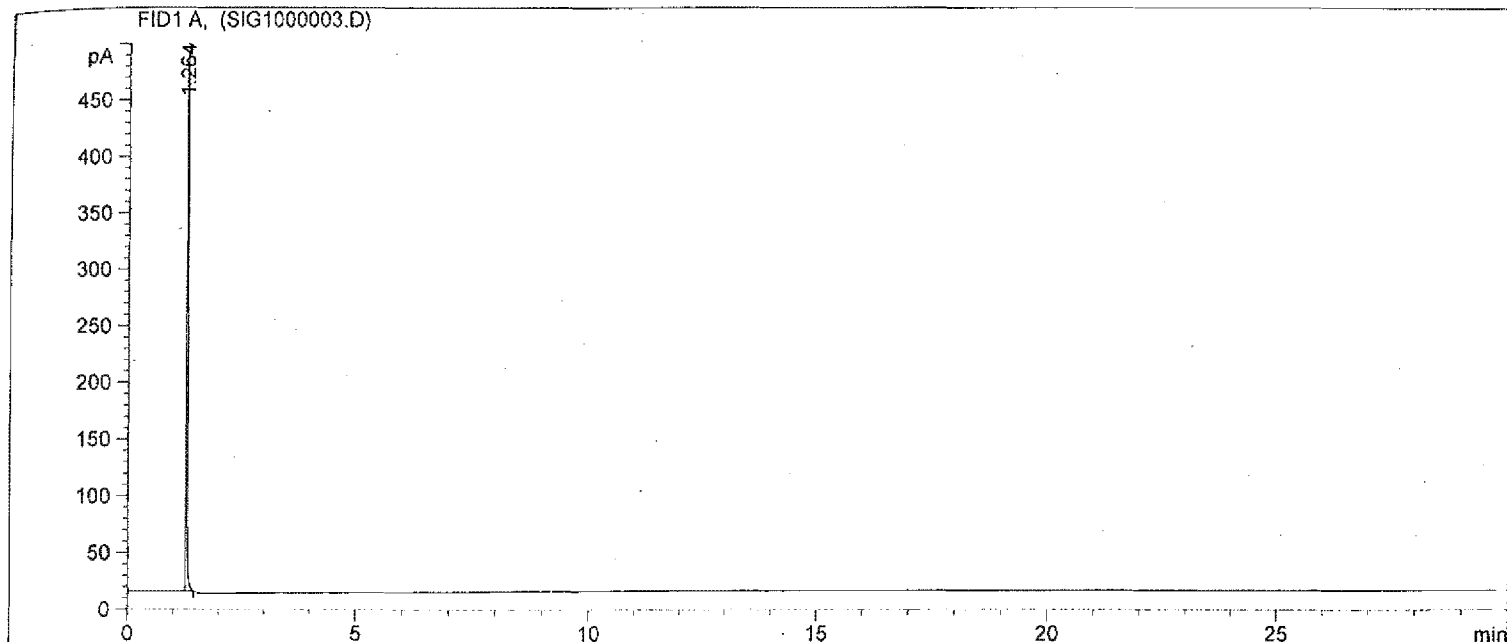
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Operator   :
Instrument : Drug Lab GC#3
Injection Date : 12/21/2010 11:38:38 AM

Sequence File   : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method   : C:\CHEM32\1\METHODS\SCREEN.M
Last changed   : 8/3/2010 11:51:05 AM

Seq. Line :   3
Location : Vial 3
Inj :   1
Inj Volume : 1 µl

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                        Area Percent Report
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Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000   [ng/ul]   (not used in calc.)
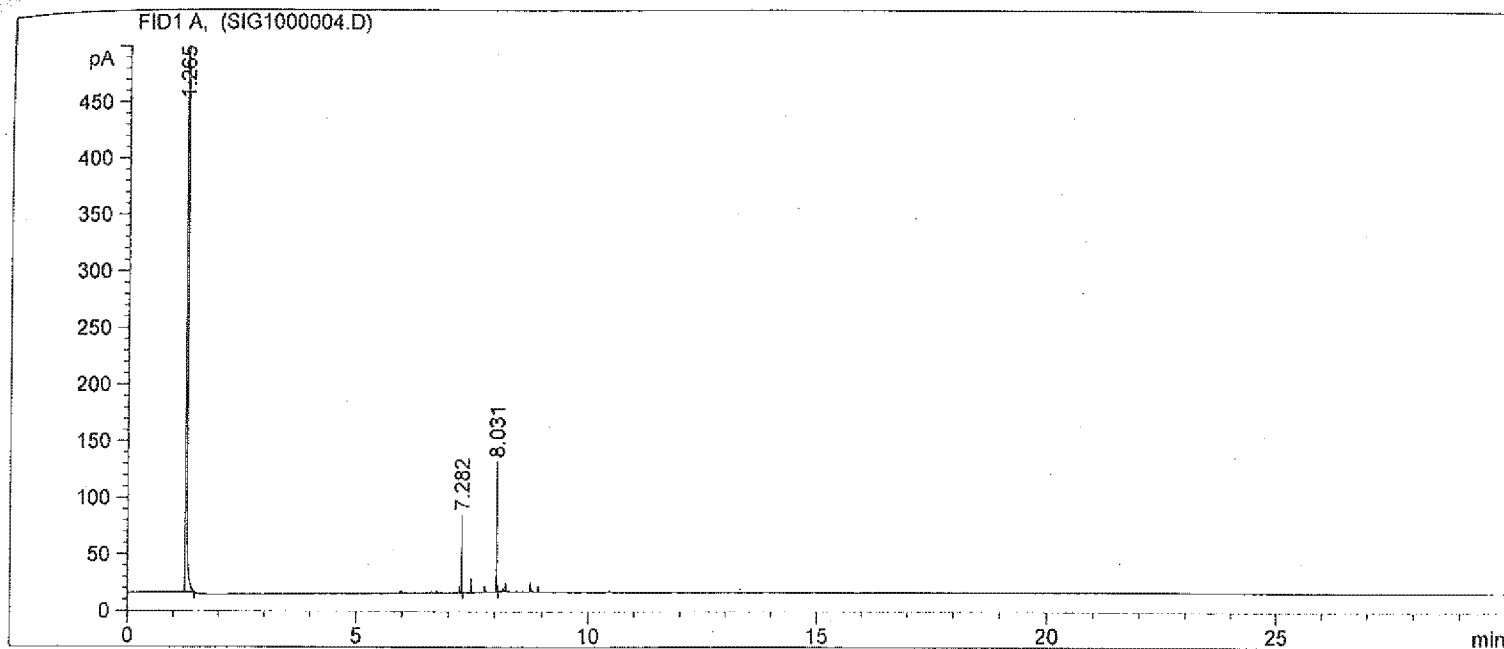Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.264	1	BB S	7.73454e4	7.82655e4	1.000e2

Totals :   7.73454e4   7.82655e4

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                        *** End of Report ***

Operator   :
Instrument   : Drug Lab GC#3
Injection Date : 12/21/2010 12:12:57 PM

Sequence File   : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method   : C:\CHEM32\1\METHODS\SCREEN.M
Last changed   : 8/3/2010 11:51:05 AM

Seq. Line :   4
Location : Vial 4
Inj :   1
Inj Volume : 1 µl

FID1 A, (SIG1000004.D)

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                            Area Percent Report
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Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000 [ng/ul]   (not used in calc.)
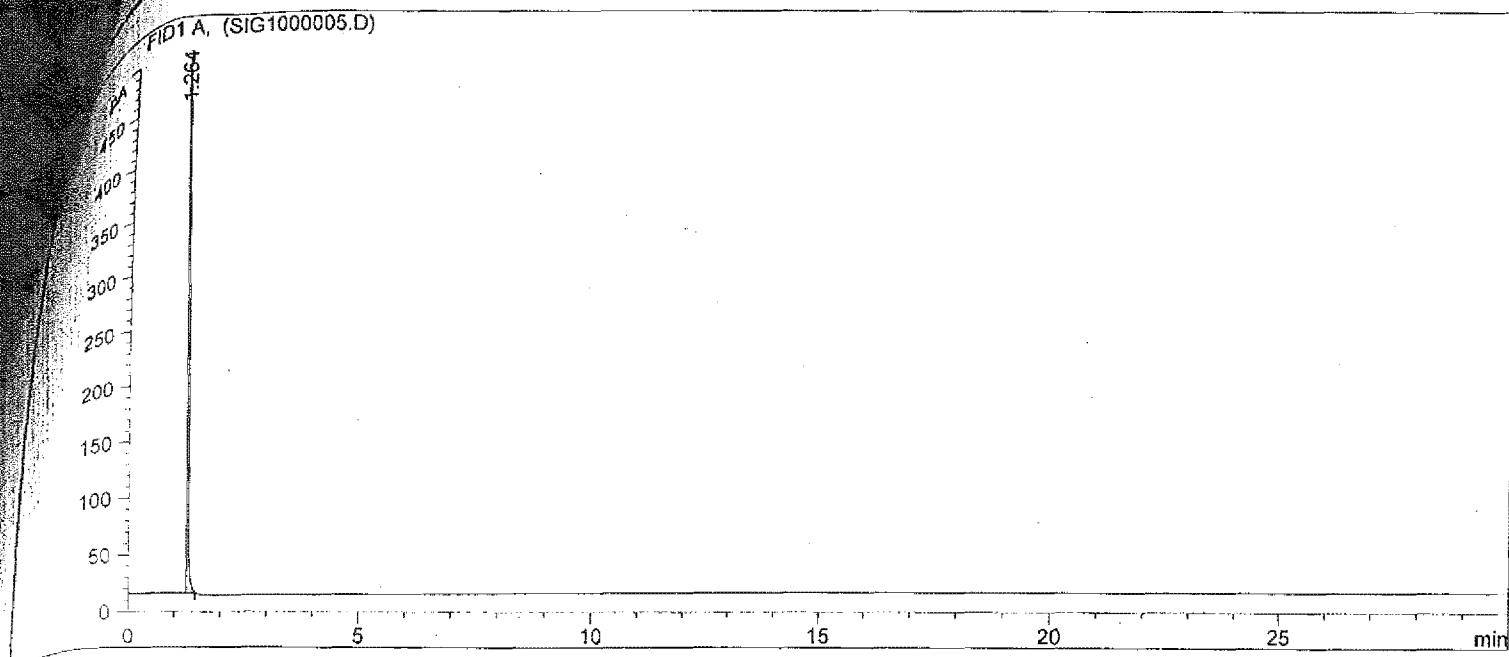Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.265	1	BB S	7.78546e4	7.85751e4	99.81164
2	7.282	1	BB	50.75408	67.40045	0.06507
3	8.031	1	BB	96.17229	113.86221	0.12330

Totals :   7.80015e4   7.87564e4

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                         *** End of Report ***
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DATA\SIG1000005.D

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Drug Lab GC#3   Seq. Line :   5
12/21/2010 12:47:25 PM   Location : Vial 5
                                          Inj :   1
                                    Inj Volume : 1 µl

         : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
         : C:\CHEM32\1\METHODS\SCREEN.M
         : 8/3/2010 11:51:05 AM
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Area Percent Report

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Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000   [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
  #   [min]   [pA*s]   [pA]   %
----|-------|---|----|-----------|----------|--------|
   1   1.264   1 BB S 7.64288e4   7.54045e4 1.000e2

Totals :   7.64288e4   7.54045e4

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                    *** End of Report ***

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Acq. Operator   :   Seq. Line :   6
Acq. Instrument : Drug Lab GC#3   Location : Vial 6
Injection Date   : 12/21/2010 1:21:45 PM   Inj :   1
                                        Inj Volume : 1 µl
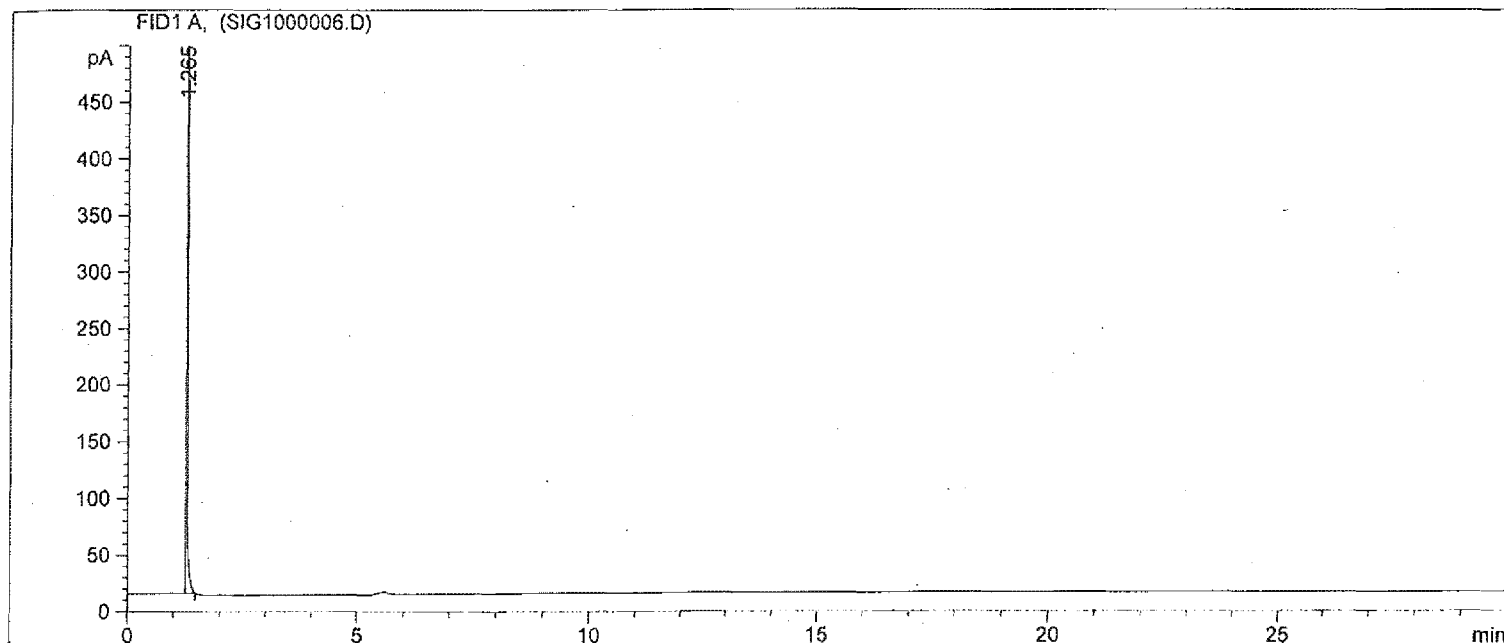
Sequence File   : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method   : C:\CHEM32\1\METHODS\SCREEN.M
Last changed   : 8/3/2010 11:51:05 AM

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                        Area Percent Report
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Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000 [ng/ul]   (not used in calc.)
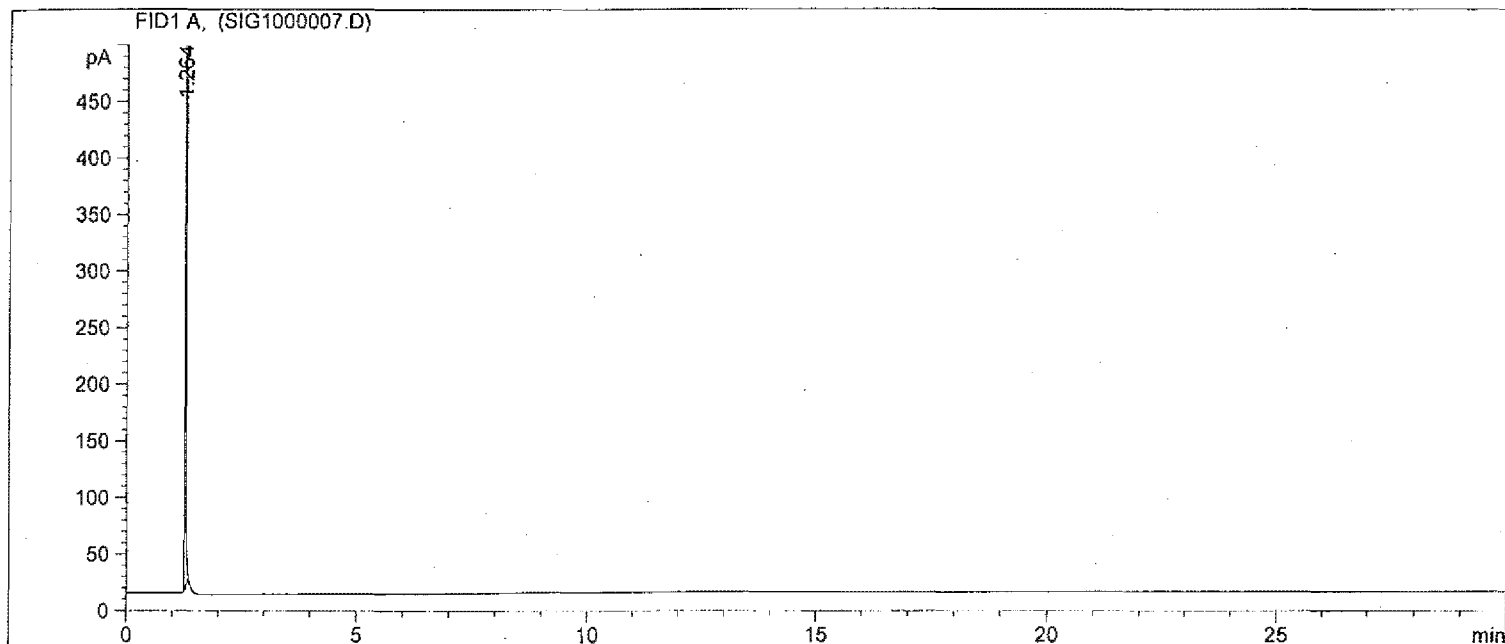Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
  #   [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|-----------|--------|
  1   1.265   1 BB S 7.62477e4   7.78478e4 1.000e2

Totals :   7.62477e4   7.78478e4

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                       *** End of Report ***
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Acq. Operator	:		Seq. Line :	7
Acq. Instrument	: Drug Lab GC#3		Location :	Vial 7
Injection Date	: 12/21/2010 1:56:14 PM		Inj :	1
			Inj Volume :	1 µl

Sequence File	: C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
Method	: C:\CHEM32\1\METHODS\SCREEN.M
Last changed	: 8/3/2010 11:51:05 AM

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Area Percent Report

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Sorted By	:	Retention Time	
Multiplier:	:	1.0000	
Dilution:	:	1.0000	
Sample Amount:	:	1.00000 [ng/ul]	(not used in calc.)

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.264	1	BB S	7.45916e4	7.49323e4	1.000e2

| Totals : | | 7.45916e4 | 7.49323e4 |

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*** End of Report ***

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FID1 A, (SIG1000008.D)

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Area Percent Report

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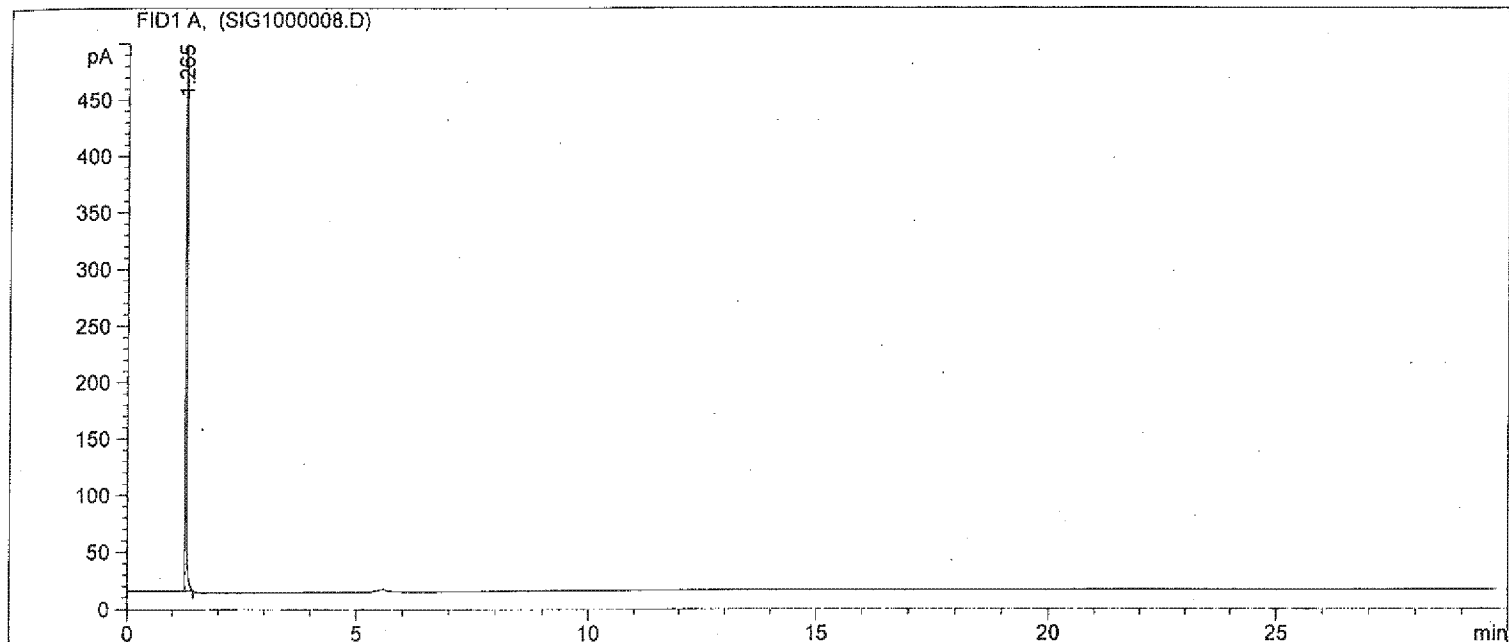
Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.265	1	BB S	7.83634e4	7.77746e4	1.000e2

Totals :   7.83634e4   7.77746e4

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*** End of Report ***

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===============================================================================
ator        :                              Seq. Line :  18
rument : Drug Lab GC#3                       Location : Vial 18
  Date : 12/21/2010 8:14:16 PM                    Inj :   1
                                         Inj Volume : 1 µl

  File  : C:\CHEM32\1\SEQUENCE\WEEKLYQC.S
        : C:\CHEM32\1\METHODS\SCREEN.M
   ged  : 8/3/2010 11:51:05 AM
===============================================================================
```

FID1 A, (SIG1000018.D)
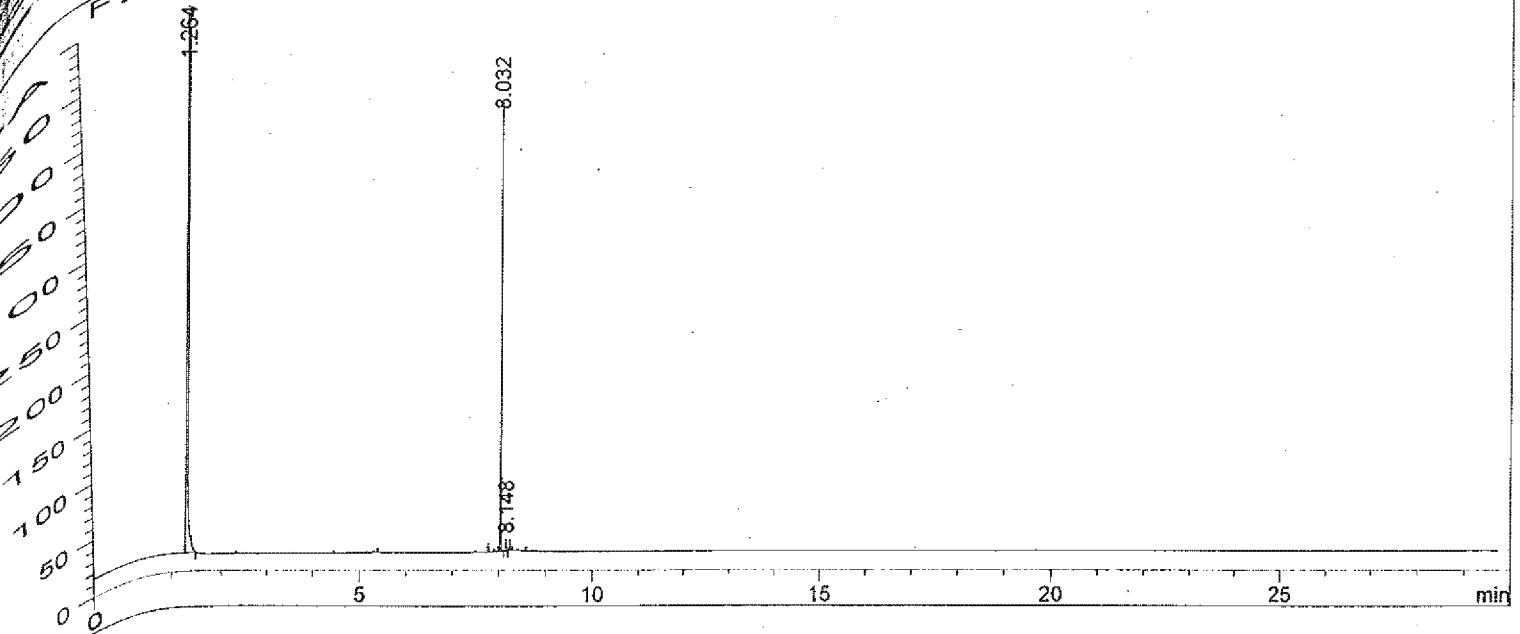

```
===============================================================================
                      Area Percent Report
===============================================================================

                 :      Retention Time
                 :          1.0000
                 :          1.0000
        Amount:          :   1.00000   [ng/ul]    (not used in calc.)
    not use Multiplier & Dilution Factor with ISTDs

Signal 1:  FID1 A,

Peak RetTime Sig Type    Area       Height      Area
  #   [min]            [pA*s]       [pA]         %
----|-------|---|----|----------|----------|--------|
  1   1.264   1  BB S 7.50622e4   7.37235e4  99.53846
  2   8.032   1  BB    333.63428   386.29715   0.44243
  3   8.148   1  BV     14.41481    10.43399   0.01912

              7.54103e4   7.41203e4

===============================================================================
                      *** End of Report ***
```
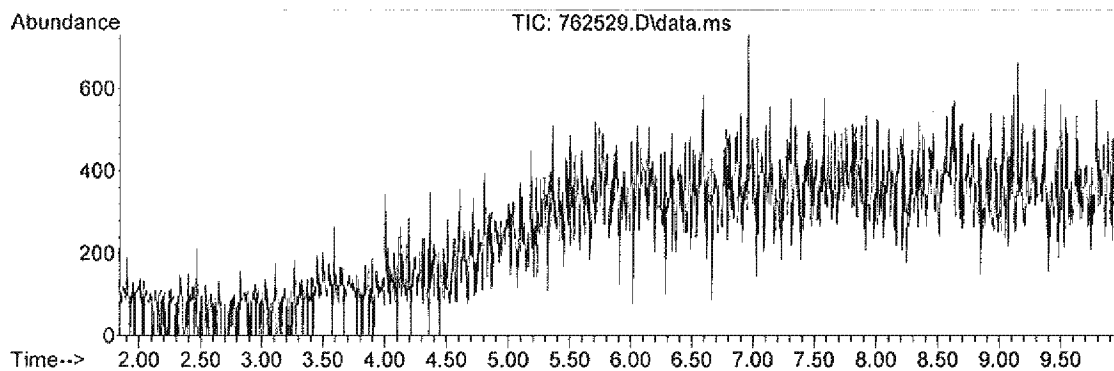
GC#3 12/21/2010 8:44:17 PM

VKAC
11/21/11

Information from Data File:
```
File Name        : F:\Q4-2010\SYSTEM4\12_23_10\762529.D
Operator         : ASD/KAC
Date Acquired    : 23 Dec 2010  20:16
Sample Name      : BLANK
Submitted by     : ASD
Vial Number      :  1
AcquisitionMeth: DRUGS
Integrator       : RTE
```
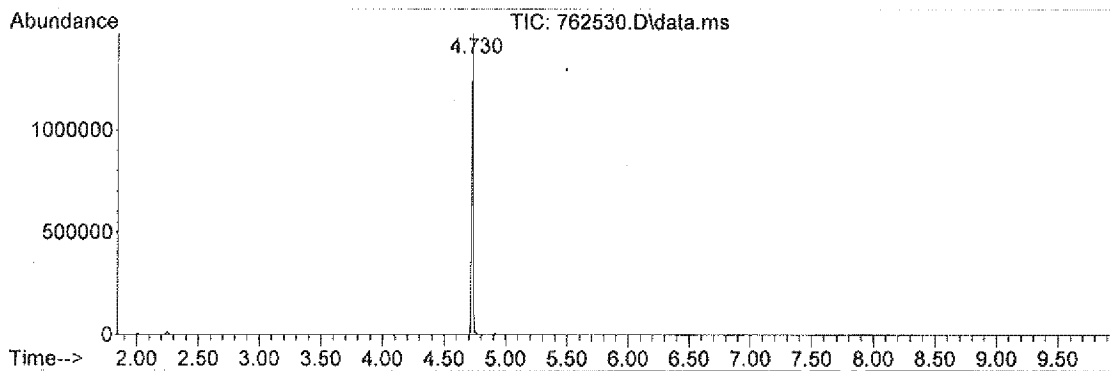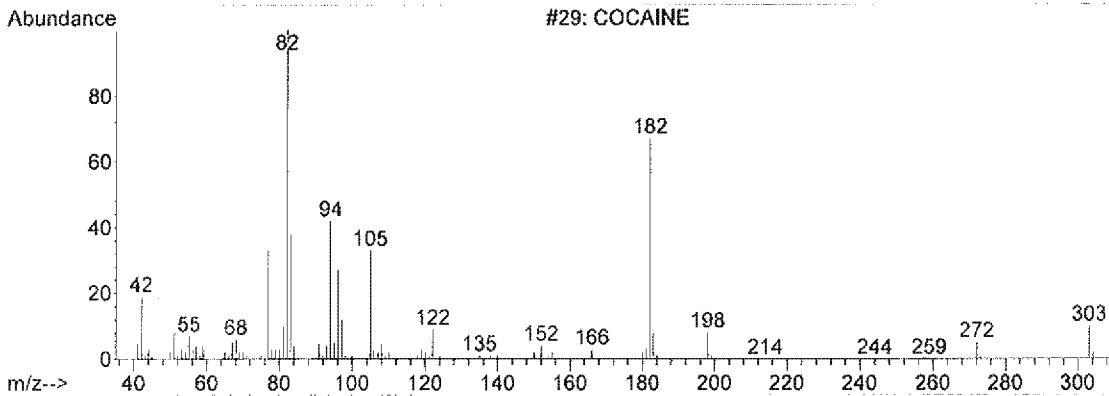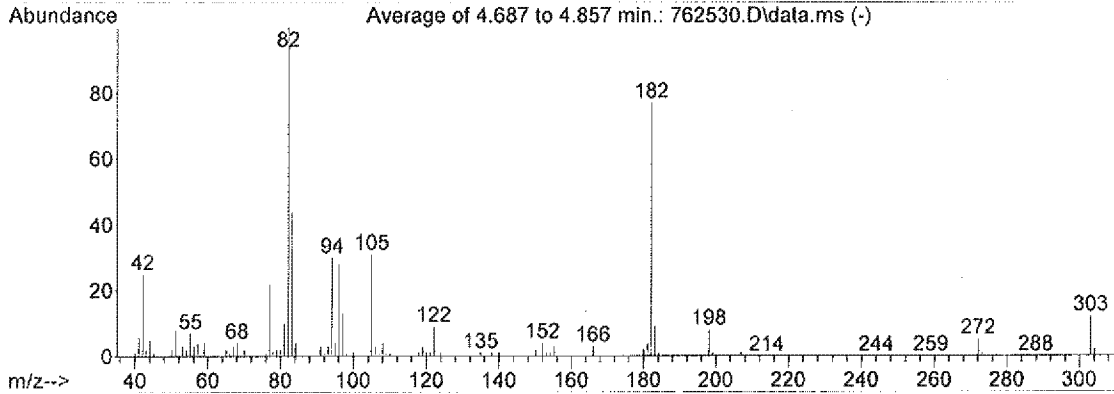

TIC: 762529.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762530.D
Operator   : ASD/KAC
Date Acquired : 23 Dec 2010   20:29
Sample Name   : COCAINE STD
Submitted by : ASD
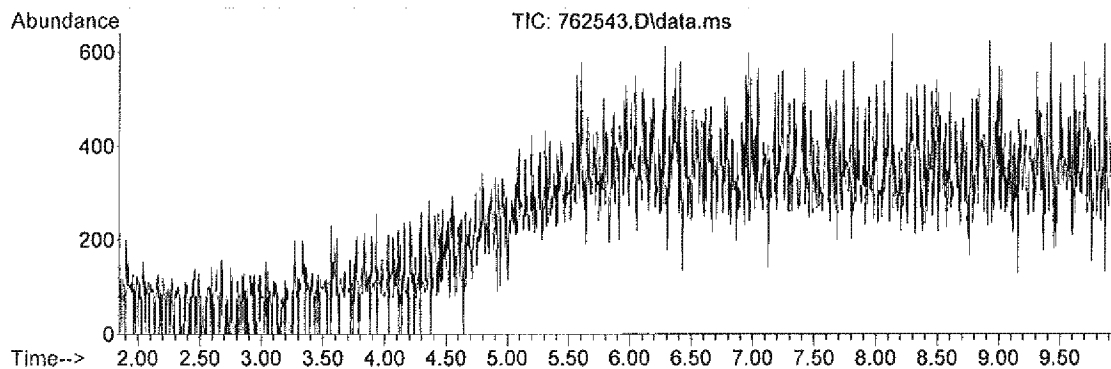Vial Number   : 15
AcquisitionMeth: DRUGS
Integrator   : RTE

Abundance   TIC: 762530.D\data.ms
                              4.730

1000000

500000

        0
Time-->   2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50

Ret. Time	Area	Area %	Ratio %
4.730	1306065	100.00	100.00

Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762530.D
Operator   : ASD/KAC
Date Acquired : 23 Dec 2010 20:29
Sample Name   : COCAINE STD
Submitted by   : ASD
Vial Number   : 15
AcquisitionMeth: DRUGS
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 70
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.73	C:\Database\SLI.L		
		COCAINE	000050-36-2	99

Average of 4.687 to 4.857 min.: 762530.D\data.ms (-)

#29: COCAINE

Information from Data File:
```
File Name      : F:\Q4-2010\SYSTEM4\12_23_10\762543.D
Operator       : ASD/KAC
Date Acquired  : 23 Dec 2010   23:26
Sample Name    : BLANK
Submitted by   : ASD
Vial Number    :  1
AcquisitionMeth: DRUGS
Integrator     : RTE
```
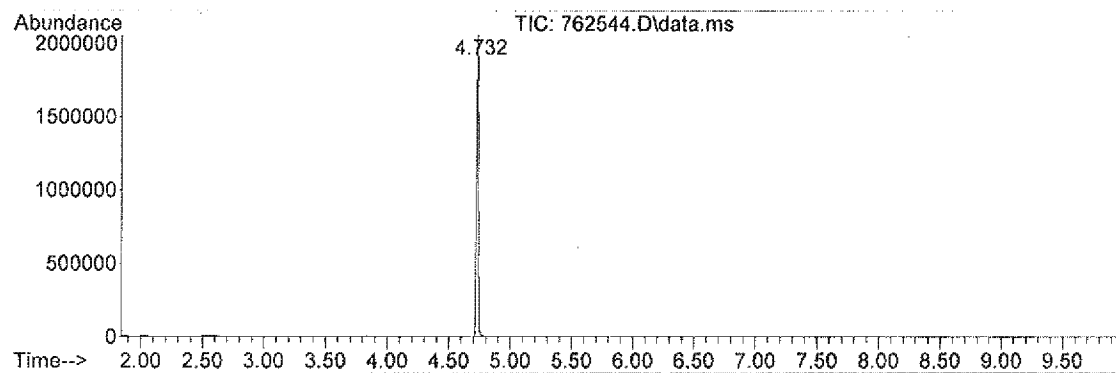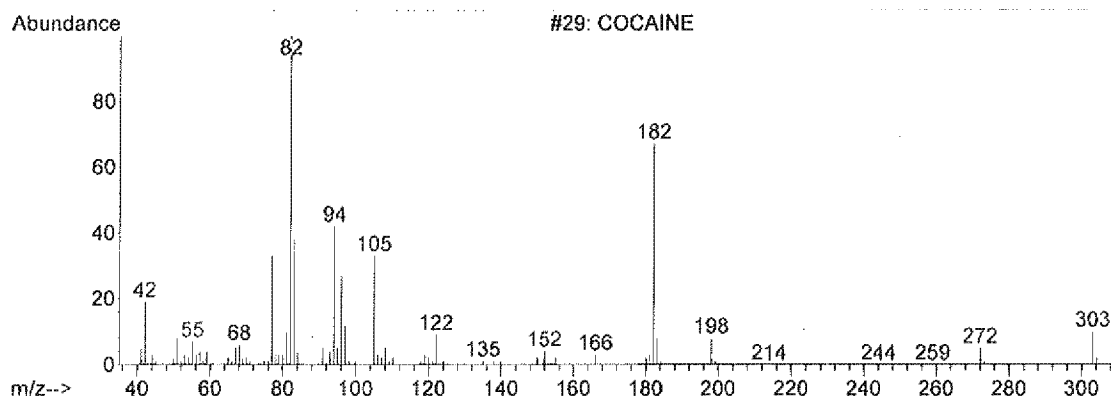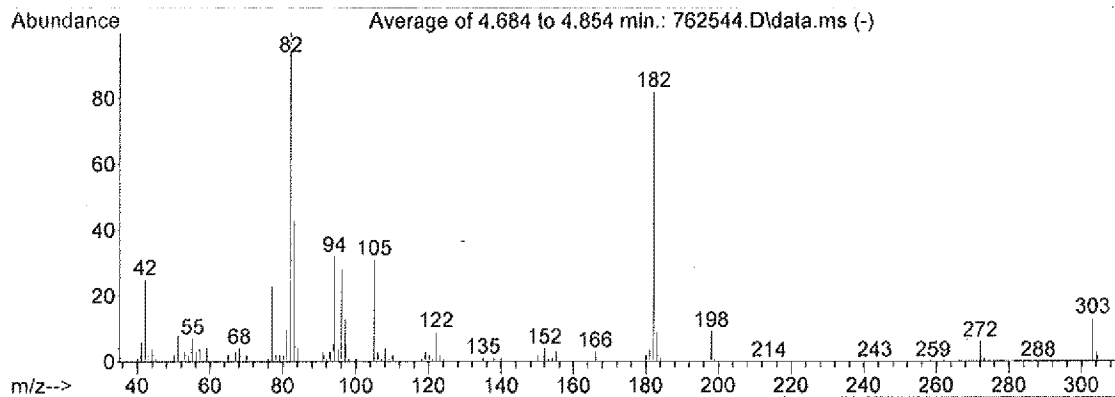

TIC: 762543.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

762543.D   Mon Nov 21 13:24:30 2011   Page 1

Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762544.D
Operator   : ASD/KAC
Date Acquired : 23 Dec 2010   23:39
Sample Name   : ███████████
Submitted by   : ASD
Vial Number   : 44
AcquisitionMeth: DRUGS
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
4.732	2321692	100.00	100.00

```
Information from Data File:
File Name      : F:\Q4-2010\SYSTEM4\12_23_10\762544.D
Operator       : ASD/KAC
Date Acquired  : 23 Dec 2010   23:39
Sample Name    :
Submitted by   : ASD
Vial Number    :  44
AcquisitionMeth: DRUGS
Integrator     : RTE
```

```
Search Libraries:   C:\Database\SLI.L          Minimum Quality: 80
                    C:\Database\NIST05a.L       Minimum Quality: 70
                    C:\Database\PMW_TOX2.L
```
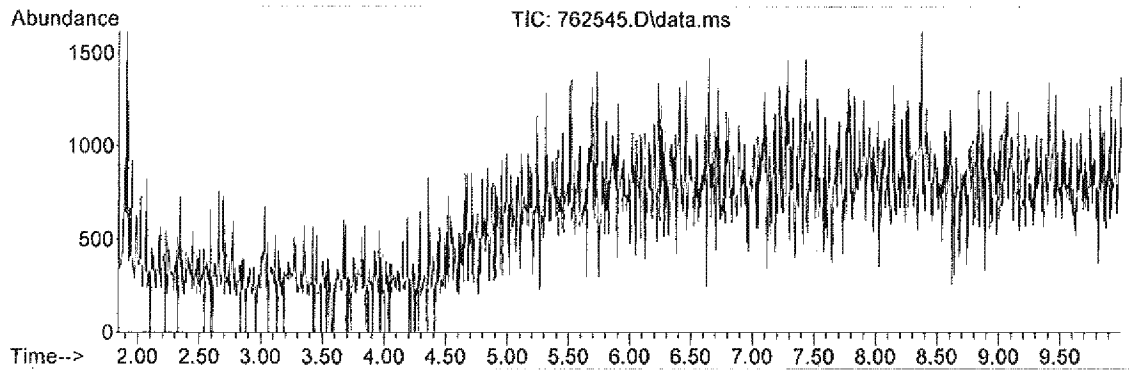
PK#	RT	Library/ID	CAS#	Qual
1	4.73	C:\Database\SLI.L		
		COCAINE	000050-36-2	99

Average of 4.684 to 4.854 min.: 762544.D\data.ms (-)

#29: COCAINE

Area Percent / Library Search Report

Information from Data File:
```
File Name      : F:\Q4-2010\SYSTEM4\12_23_10\762545.D
Operator       : ASD/KAC
Date Acquired  : 23 Dec 2010   23:53
Sample Name    : BLANK
Submitted by   : ASD
Vial Number    :    1
AcquisitionMeth: WDRUGS
Integrator     : RTE
```
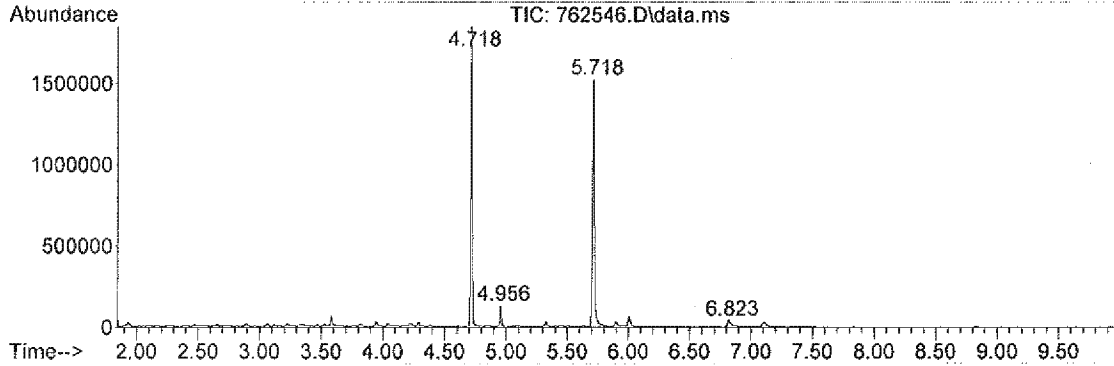

TIC: 762545.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762546.D
Operator   : ASD/KAC
Date Acquired : 24 Dec 2010   00:07
Sample Name   : ███████████
Submitted by   : ASD
Vial Number   : 46
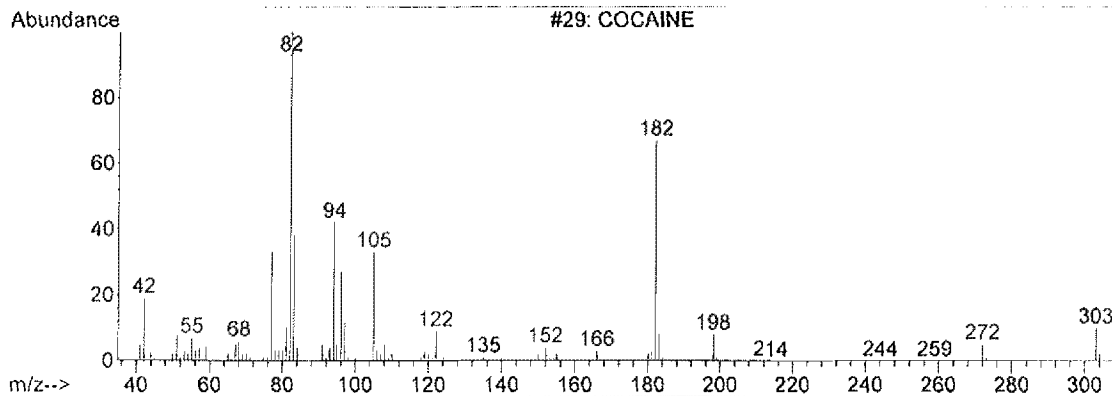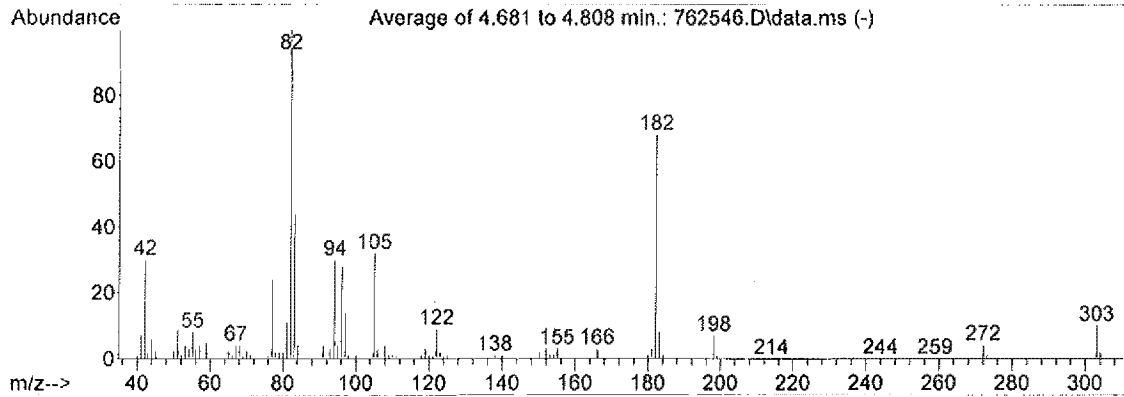AcquisitionMeth: WDRUGS
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
4.718	1550247	43.06	85.02
4.956	121641	3.38	6.67
5.718	1823494	50.65	100.00
6.823	104750	2.91	5.74

Information from Data File:
```
File Name        : F:\Q4-2010\SYSTEM4\12_23_10\762546.D
Operator         : ASD/KAC
Date Acquired    : 24 Dec 2010   00:07
Sample Name      : ███████████
Submitted by     : ASD
Vial Number      : 46
AcquisitionMeth: WDRUGS
Integrator       : RTE
```

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 70
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.72	C:\Database\SLI.L		
		COCAINE	000050-36-2	99

Abundance   Average of 4.681 to 4.808 min.: 762546.D\data.ms (-)

Abundance   #29: COCAINE

762546.D   Mon Nov 21 13:21:26 2011   Page   2
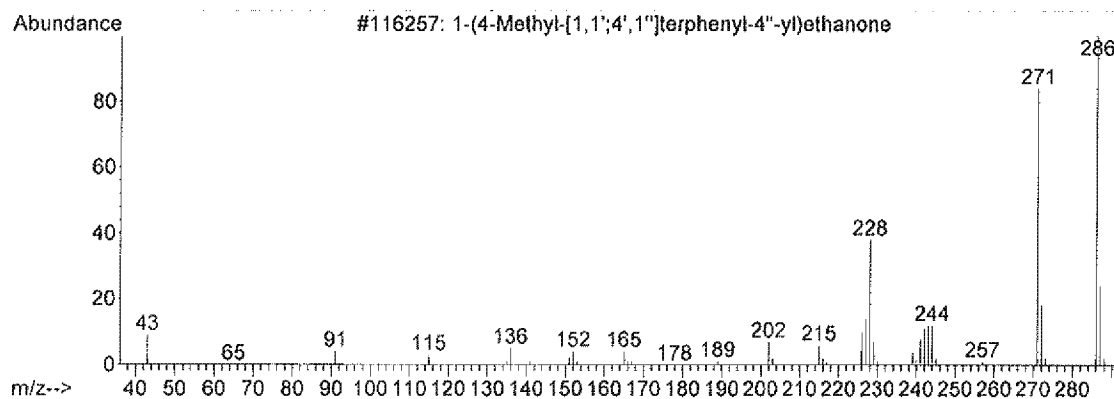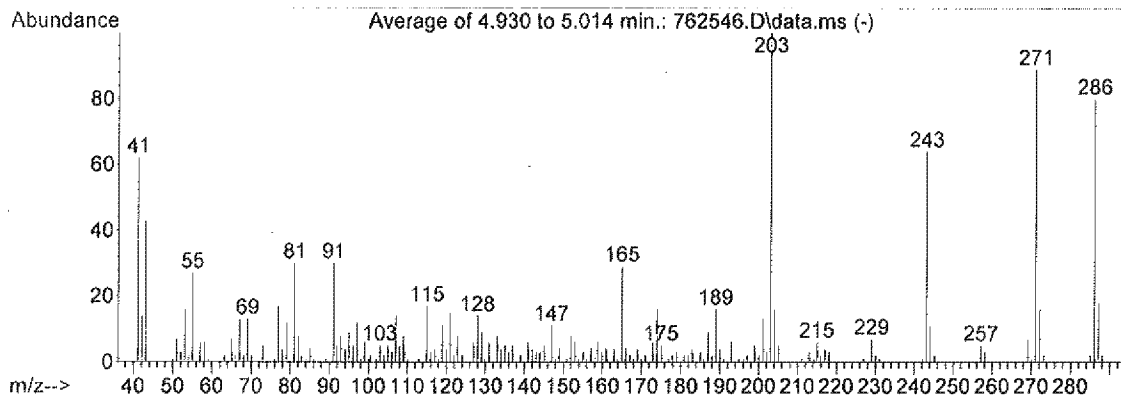
Folk_OIG_PRR_028211

Information from Data File:
```
File Name      : F:\Q4-2010\SYSTEM4\12_23_10\762546.D
Operator       : ASD/KAC
Date Acquired  : 24 Dec 2010  00:07
Sample Name    : ███████████
Submitted by   : ASD
Vial Number    : 46
AcquisitionMeth: WDRUGS
Integrator     : RTE
```

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                     C:\Database\NIST05a.L   Minimum Quality: 70
                     C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.96	C:\Database\NIST05a.L		
		1-(4-Methyl-[1,1';4',1'']terphenyl-	149248-34-0	70
		6-Amino-5,8-dimethoxy-4-methyl-2-[t	085868-17-3	38
		2,9-Dimethyl-2,3,4,5,6,7-hexahydro-	077581-11-4	25

Abundance   Average of 4.930 to 5.014 min.: 762546.D\data.ms (-)

Abundance   #116257: 1-(4-Methyl-[1,1';4',1'']terphenyl-4''-yl)ethanone

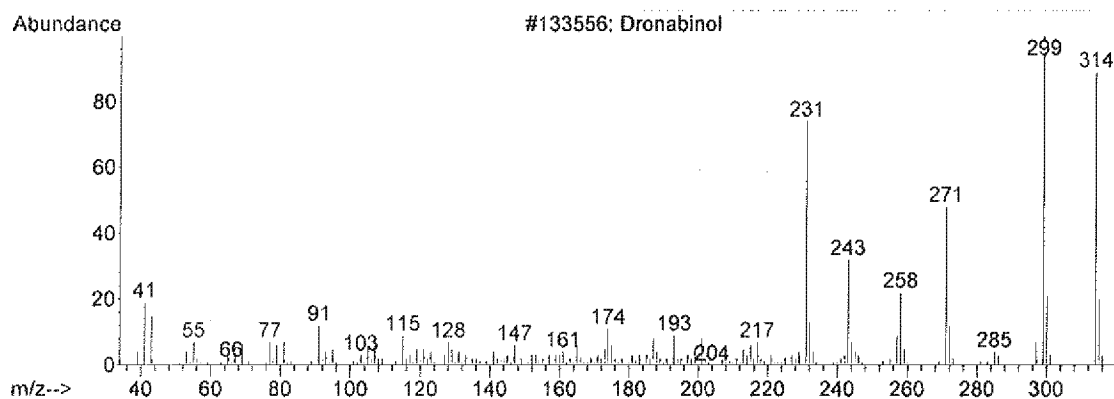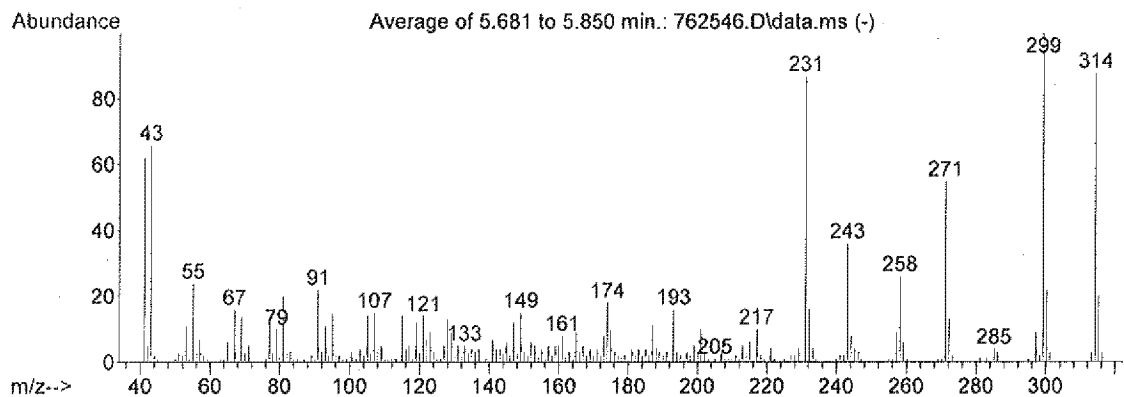762546.D   Mon Nov 21 13:21:26 2011   Page 3

Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762546.D
Operator   : ASD/KAC
Date Acquired : 24 Dec 2010   00:07
Sample Name   : ███████████
Submitted by   : ASD
Vial Number   : 46
AcquisitionMeth: WDRUGS
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 70
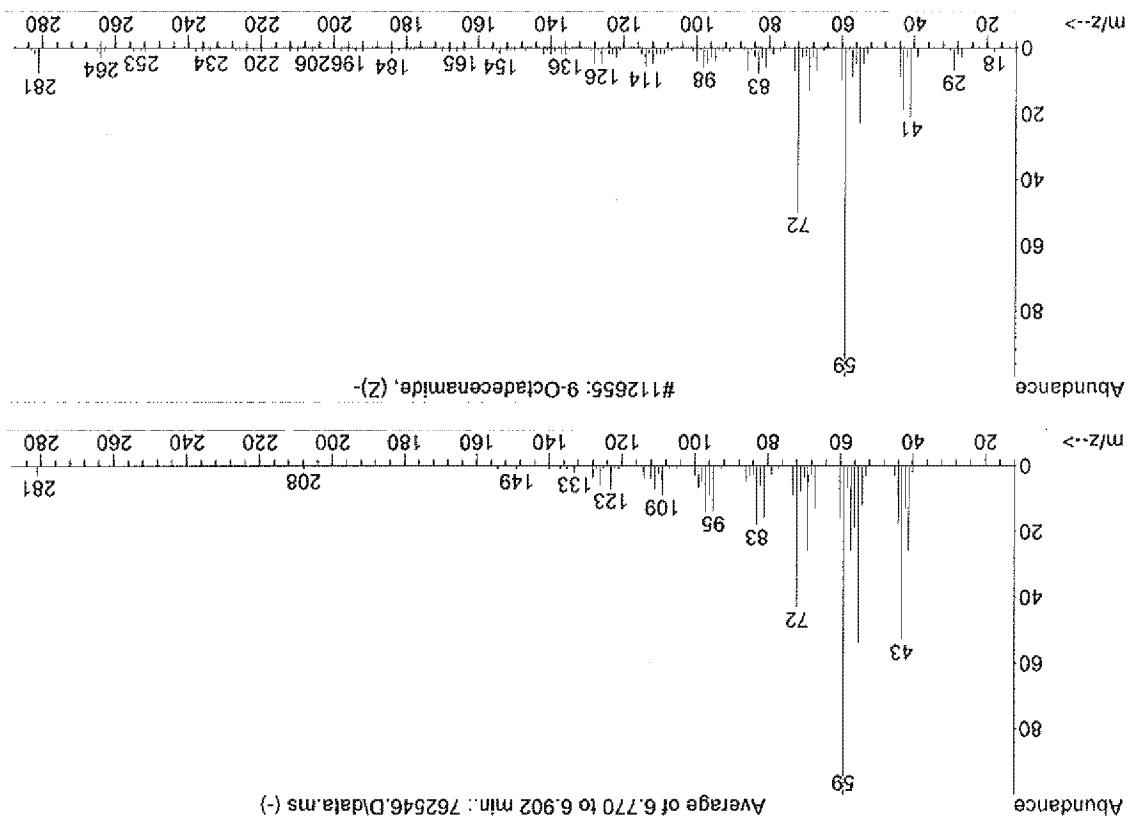   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	5.72	C:\Database\NIST05a.L		
		Dronabinol	001972-08-3	99
		Dronabinol	001972-08-3	99
		Dronabinol	001972-08-3	95

Abundance   Average of 5.681 to 5.850 min.: 762546.D\data.ms (-)

Abundance   #133556: Dronabinol

762546.D   Mon Nov 21 13:21:27 2011   Page   4

Folk_OIG_PRR_028213

Area Percent / Library Search Report

Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762546.D
Operator   : ASD/KAC
Date Acquired   : 24 Dec 2010 00:07
Sample Name   : ██████████
Submitted by   : ASD
Vial Number   : 46
AcquisitionMeth: WDRUGS
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 70
                   C:\Database\PMW_TOX2.L

Pk#	RT	Library/ID	CAS#	Qual
4	6.82	C:\Database\NIST05a.L		
		9-Octadecenamide, (Z)-	000301-02-0	87
		Hexadecanamide	000629-54-9	64
		Nonadecanamide	058185-32-3	56

Average of 6.770 to 6.902 min.: 762546.D\data.ms (-)

#112655: 9-Octadecenamide, (Z)-

Area Percent / Library Search Report

Information from Data File:
```
File Name       : F:\Q4-2010\SYSTEM4\12_23_10\762548.D
Operator        : ASD/KAC
Date Acquired   : 24 Dec 2010  00:35
Sample Name     : BLANK
Submitted by    : ASD
Vial Number     :   1
AcquisitionMeth: DRUGS
Integrator      : RTE
```
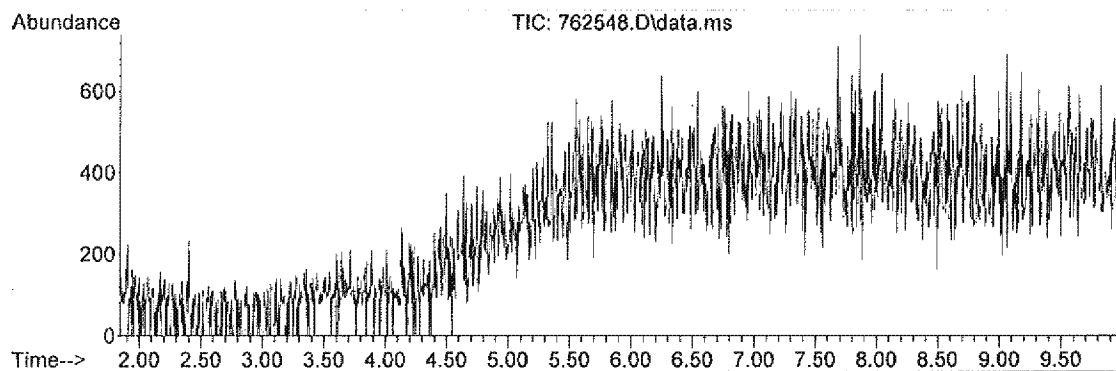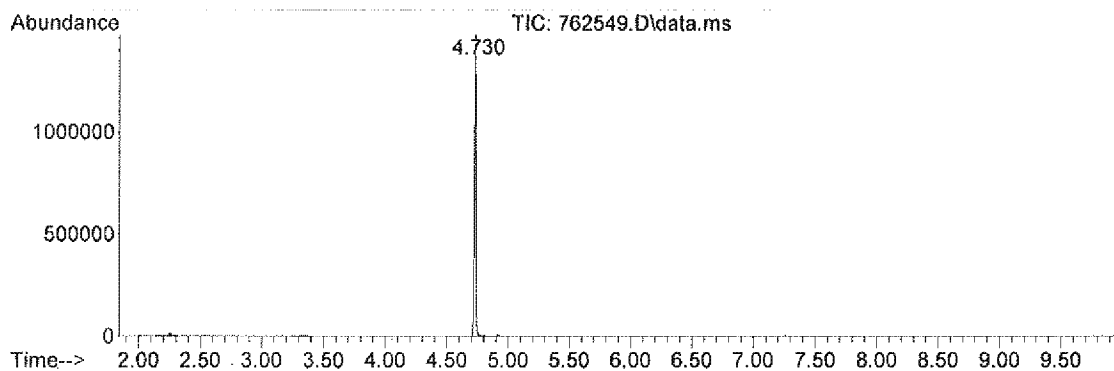
Abundance   TIC: 762548.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
```
File Name      : F:\Q4-2010\SYSTEM4\12_23_10\762549.D
Operator       : ASD/KAC
Date Acquired  : 24 Dec 2010   00:49
Sample Name    : COCAINE STD
Submitted by   : ASD
Vial Number    : 15
AcquisitionMeth: DRUGS
Integrator     : RTE
```


Ret. Time	Area	Area %	Ratio %
4.730	1328065	100.00	100.00

Information from Data File:
File Name   : F:\Q4-2010\SYSTEM4\12_23_10\762549.D
Operator   : ASD/KAC
Date Acquired : 24 Dec 2010 00:49
Sample Name   : COCAINE STD
Submitted by   : ASD
Vial Number   : 15
AcquisitionMeth: DRUGS
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 70
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.73	C:\Database\SLI.L		
		COCAINE	000050-36-2	99

Average of 4.693 to 4.852 min.: 762549.D\data.ms (-)

#29: COCAINE

762549.D   Mon Nov 21 13:25:13 2011   Page   2

Folk_OIG_PRR_028217